

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090464

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # 6142  | API No. 15 - 15-107-24616-00-00                          |
|---|--|
| Name:Town Oil Company Inc.  | Spot Description:  |
| Address 1: 16205 W 287TH ST                                       | SW_SE_SE_NW Sec. 27 Twp. 19 S. R. 22 V East West         |
| Address 2:  |  |
| City: PAOLA State: KS Zip: 66071 + 8482                           |  |
| Contact Person: Lester Town                                       | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (913) 294-2125   | □ NE □ NW ☑ SE □ SW                                      |
| CONTRACTOR: License #_6142  | County: Linn   |
| Name: Town Oil Company Inc.                                       | Lease Name: McDonald Well #: 35                          |
| Wellsite Geologist: NA  | Field Name: Goodrich-Parker                              |
| Purchaser:  | Producing Formation: Cattleman                           |
|   | Elevation: Ground: 995 Kelly Bushing: 0                  |
| Designate Type of Completion:                                     | Total Depth: 718 Plug Back Total Depth: 9                |
| ✓ New Well  | Amount of Surface Pipe Set and Cemented at: 20 Feet      |
| ✓ Oil Wsw SwD Slow  |  |
| Gas D&A ENHR SIGW   | Multiple Stage Cementing Collar Used?                    |
| GSW Temp. Abd.  | If yes, show depth set: Feet                             |
| CM (Coal Bed Methane)   | If Alternate II completion, cement circulated from:      |
| Cathodic Other (Core, Expl., etc.):                               | feet depth to: 20 sx cmt                                 |
| If Workover/Re-entry: Old Well Info as follows:                   |  |
| Operator:   | Drilling Fluid Management Plan                           |
| Well Name:  | (Data must be collected from the Reserve Pit)            |
| Original Comp. Date: Original Total Depth:                        | Chloride content: 1500 ppm Fluid volume: 80 bbls         |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD             | Dewatering method used: Evaporated                       |
| Conv. to GSW  | Dewatering method used:                                  |
| Plug Back: Plug Back Total Depth                                  | Location of fluid disposal if hauled offsite:            |
| Commingled Permit #:  | Operator Name:   |
| Dual Completion Permit #:   | Lease Name: License #:                                   |
| SWD Permit #:   |  |
| ENHR Permit #:  | Quarter Sec TwpS. R East West                            |
| GSW Permit #:   | County: Permit #:  |
| 6/27/2012 6/29/2012 8/10/2012                                     |  |
| Spud Date or Date Reached TD Completion Date or Recompletion Date |  |

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

| KCC Office Use ONLY                                |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Letter of Confidentiality Received                 |  |  |  |  |  |  |
| Date:  |  |  |  |  |  |  |
| Confidential Release Date:                         |  |  |  |  |  |  |
| Wireline Log Received                              |  |  |  |  |  |  |
| Geologist Report Received                          |  |  |  |  |  |  |
| UIC Distribution                                   |  |  |  |  |  |  |
| ALT I I II Approved by: Described Date: 08/16/2012 |  |  |  |  |  |  |

Side Two



| Operator Name: I OV  | vn Oil Company                              | inc.   | Lease N        | lame:        | MCDONaid  | <del> </del>      | _ Well #:35     | <u> </u>  |                         |
|--|---|--|----------------|--------------|---|-------------------|-----------------|-----------|-------------------------|
| Sec. 27 Twp. 19  | p. <u>19</u> S. R. <u>22</u>                |  |                | County: Linn |   |                   |                 |           |                         |
| time tool open and clo   | sed, flowing and shues if gas to surface to | nd base of formations pe<br>at-in pressures, whether<br>est, along with final chart<br>well site report. | shut-in press  | ure read     | ched static level,  | hydrostatic pres  | sures, bottom   | hole temp | erature, fluid          |
| Drill Stem Tests Taken<br>(Attach Additional S                                   |   | ☐ Yes 🕡 No   |                | <b>√</b> Lo  | og Formatio   | n (Top), Depth a  | nd Datum        |           | Sample                  |
| Samples Sent to Geol   | logical Survey                              | Yes No   |                | Nam<br>Gamm  |   |                   | Тор             | ſ         | Datum                   |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted<br>(If no, Submit Copy |   | Yes No Yes No Yes No   |                | Gamii        | is reay   |                   |                 |           |                         |
| List All E. Logs Run:  |   |  |                |              |   |                   |                 |           |                         |
| Gamma Ray Neutro   | n Completion Log                            |  |                |              |   |                   |                 |           |                         |
|  |   | CASING   | RECORD         | ✓ Ne         | w Used  |                   |                 |           |                         |
|  |   | Report all strings set   |                |              | 1   | 1                 | I               | T         |                         |
| Purpose of String  | Size Hole<br>Driiled                        | Size Casing<br>Set (In O.D.)   | Weigi<br>Lbs./ |              | Setting<br>Depth  | Type of<br>Cement | # Sacks<br>Used |           | and Percent<br>dditives |
| Surface  | 9   | 6.2500   | 10             |              | 20  | Portland          | 3               | 50/50 1   | POZ                     |
| Completion   | 5.6250                                      | 2.8750   | 8              | <u> </u>     | 709   | Portland          | 100             | 50/50     | POZ                     |
|  |   | ADDITIONA  | L CEMENTIN     | IG / SQL     | JEEZE RECORD  | <u> </u>          |                 |           |                         |
| Purpose: Depth Top Bottom  |   | Type of Cement # Sacks   |                |              |   |                   |                 |           |                         |
| Protect Casing Plug Back TD Plug Off Zone  | -   |  |                |              |   |                   |                 |           |                         |
| Shots Per Foot   |   | ON RECORD - Bridge Plu   |                |              |   | cture, Shot, Ceme |                 | rd        | Depth                   |
| Specify Footage of Each Interval Perform  2 654.0-659.0 21 Perfs                 |   |  |                |              | (Amount and Kind of Material Used) Acid 500 gal. 7.5% HCL |                   |                 | Deptil    |                         |
|  |   |  |                |              |   |                   | •               |           |                         |
|  |   |  |                |              |   |                   |                 | -         |                         |
| TUBING RECORD:   | Size:                                       | Set At:  | Packer At:     |              | Liner Run:  |                   |                 |           |                         |
|  |   |  |                |              | 1   | Yes N             | 0               |           |                         |
| Date of First, Resumed   | Production, SWD or EN                       | IHR. Producing Me  | thod:          | )            | Gas Lift C  | other (Explain)   |                 |           |                         |
| Estimated Production<br>Per 24 Hours   | Oil   | Bbls. Gas  | Mcf            | Wat          | er B  | bls.              | Gas-Oil Ratio   |           | Gravity                 |
| DISPOSITIO   | ON OF GAS:                                  |  | METHOD OF      | COMPLE       | ETION:  |                   | PRODUCT         | ON INTER  | VAI ·                   |
| Vented Sold  | _   |  | Perf.          | Dually       | Comp. Cor   | nmingled          |                 | J         |                         |
| (If vented, Sut  | _   | Other (Specify)  |                | (Submit )    | 4CO-5) (Sub   | nit ACO-4)        |                 |           |                         |



| TICKET NUMBER  | 37331  |
|----------------|--------|
| LOCATION Stowe | 2.KS   |
| FOREMAN CASELL | ennede |

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT

| DATE                                  | CUSTOMER#                | LAZE A      | A A                    |                      |                |                    |                   |   |
|---------------------------------------|--------------------------|-------------|------------------------|----------------------|----------------|--------------------|-------------------|---|
|                                       | COSTONIER                | LWEL        | L NAME & NUM           | MBER                 | SECTION        | TOWNSHIP           | RANGE             | COUNTY  |
| 129/12                                | 7823                     | McDove      | 111 #3                 |                      | Sw 27          | 17                 | 22                | LN  |
| STOMER                                | n Oil C                  | •           | <del></del>            |                      | SULPH SECTION  | <b>DESCRIPTION</b> |                   | 19 654  |
| ILING ADDRI                           | n <u>0;( (</u> ,         | 0,          | ·                      | -                    | TRUCK#         | DRIVER             | TRUCK#            | DRIVER  |
|                                       | W. 287                   | ct          |                        |                      | 481            | Casken             | ct=               |   |
| Y Y                                   |                          | STATE       | ZIP CODE               | ⊣                    | lele6          | Keilar             | KC                | <b></b>                                       |
| Paola                                 |                          | KS          | 1                      |                      | 510            | Set Tuc            | 87                | <b>_</b>                                      |
| B TYPE ON                             |                          | HOLE SIZE   | 160071                 | J                    | 7,0            |                    |                   |   |
|                                       | J                        |             | - /R                   | HOLE DEPT            | H <u>+18</u>   | Casing Size &      | WEIGHT 37         |   |
| SING DEPTH                            |                          | DRILL PIPE  |                        | _TUBING              |                | <del></del>        | OTHER CO          | - 704'  |
| IRRY WEIGH                            | - 11                     | SLURRY VOL_ |                        | · ·                  | sk             | CEMENT LEFT        | n CASING 2%       | Morphy  |
|                                       |                          | DISPLACEMEN |                        | MIX PSI              |                | RATE 4.6 8         |                   | <del></del>                                   |
| MARKS: NE                             | ld safely a              | rection.    | estal iske             | <del>o ci</del> culo | tion, mixed    | t purpod           |                   |   |
| lowed                                 |                          |             |                        |                      | pad 100 9      | es 5 AD            | BRUIL COM         | mt w/   |
| Za sex                                | persk rem                | rent to     | SUCKACE !              | Himsea               | oung Cien      |                    | 21/2 " rubbe      | erplus w                                      |
| CA pp                                 | s trock was              | TH A POLL   | <u>ved ye</u>          | 7 VIOV 1~            | of morning     | cosing.            |                   |   |
| <del></del>                           |                          |             |                        |                      |                | <del>/</del>       | $\rightarrow 0$   | <del></del>                                   |
|                                       |                          |             |                        | <del></del>          |                |                    | <del>-/&gt;</del> |   |
|                                       |                          |             |                        | <del></del>          |                | <del></del>        | 4-1               | <del></del>                                   |
|                                       |                          |             | <del> </del>           |                      | <del> ·</del>  | <del></del>        | <del>'</del>      |   |
| <del></del>                           |                          |             |                        |                      | <del></del>    |                    |                   | <del> </del>                                  |
| CCOUNT                                |                          |             | 1                      | CODISTION -          | EDEMAGES OD    | OBJECT             |                   | 7074  |
| CODE                                  | QUANITY o                | HUNITS      | UE                     | SCRIPTION OF         | SERVICES or PR |                    | UNIT PRICE        | TOTAL   |
|                                       |                          |             |                        |                      |                |                    |                   |   |
| 401                                   | 1                        |             | PUMP CHARG             | <u> </u>             |                |                    |                   |   |
|                                       | 40 mi                    |             | PUMP CHARG             | <u> </u>             |                |                    |                   |   |
| 401<br>406<br>402                     | 40 mi<br>709'            |             | MILEAGE                | esing tool           | 4ge_           |                    |                   | 160.00  |
| 106                                   | 7091                     | ·           | MILEAGE                | - 1 i                | <u> </u>       |                    |                   |   |
| 406                                   |                          | <u> </u>    | MILEAGE                | ising foot           | <u> </u>       |                    |                   | 160.00  |
|                                       | 7091                     | · ·         | MILEAGE                | ising foot           | <u> </u>       |                    |                   | 350. a  |
| 106<br>402<br>407                     | 7091                     |             | MILEAGE C              | ising tool           | <u> </u>       |                    |                   | 350. a  |
| 106<br>402<br>407<br>24               | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE  CO Tro        | ising tool           | coment         |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>402<br>407<br>24<br>18B        | 7091<br>Minimu           | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350. a  |
| 106<br>102<br>107<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | esing tool           | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>8B         | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>8B         | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>813        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>102<br>107<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    |                   | 350.00<br>1095.00<br>56.20                    |
| 106<br>402<br>407<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   |                    | . 32              | 350.00<br>1095.00<br>56.20                    |
| 106<br>402<br>407                     | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   | W37.               | SALES'ŤAX'        | 350.00<br>1095.00<br>56.20                    |
| 106<br>402<br>407<br>24<br>18B        | 7091<br>Minimu<br>100 sk | <u> </u>    | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   | <i>ω</i> 37.       | ESTIMATED         | 100.00<br>350.00<br>1095.00<br>56.00<br>28.00 |
| 106<br>102<br>107<br>24<br>18B<br>102 | 7091<br>Minimu<br>100 sk | \$          | MILEAGE TO SO/SO Press | Pozuis               | ge<br>coment   | <b>637.</b>        |                   | 100.00<br>350.00<br>1095.00<br>56.00<br>28.00 |

Linn County, KS Well: McDonald 35 Lease Owner: TOC

# Town Oilfield Service, Inc. Commenced Spudding: 6/27/2012

6/27/2012

#### WELL LOG

| Thickness of Strata | Formation       | Total Depth |
|---------------------|-----------------|-------------|
| 3                   | Soil and Clay   | 3           |
| 2                   | Lime            | 5           |
| 27                  | Sandy Shale     | 32          |
| 9                   | Shale           | 41          |
| 3                   | Lime            | 44          |
| 47                  | Shale           | 91          |
| 8                   | Lime            | 99          |
| 9                   | Shale           | 108         |
| 36                  | Lime            | 144         |
| 6                   | Shale and Slate | 150         |
| 24                  | Lime            | 174         |
| 4                   | Shale and Slate | 178         |
| 3                   | Lime            | 181         |
| 1                   | Shale and Slate | 182         |
| 8                   | Lime            | 190         |
| 154                 | Shale and Slate | 344         |
| 4                   | Lime            | 348         |
| 16                  | Shale           | 364         |
| 4                   | Lime            | 375         |
| 8                   | Sandy Shale     | 383         |
| 11                  | Sand            | 394         |
| 35                  | Shale           | 429         |
| 10                  | Lime            | 439         |
| 10                  | Shale           | 449         |
| 3                   | Lime            | 452         |
| 22                  | Shale           | 474         |
| 20                  | Lime            | 494         |
| 88                  | Shale           | 582         |
| 7                   | Sand            | 589         |
| 66                  | Sandy Shale     | 655         |
| 5                   | Sand            | 660         |
| 58                  | Sandy Shale     | 718-TD      |
|                     |                 |             |
|                     |                 |             |
|                     |                 |             |